



# बिहार गजट

## असाधारण अंक

### बिहार सरकार द्वारा प्रकाशित

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11 माघ 1944 (श10)  
(सं0 पटना 107) पटना बुधवार 1 फरवरी 2023

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सं० 110(12)-12/प0-09-09/2020

स्वास्थ्य विभाग

संकल्प

27 जनवरी 2023

**विषय:-** राज्य के जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- Essential Equipment List (EEL) अधिसूचित करने के संबंध में।

स्वास्थ्य विभागीय आदेश सं० SHSB/PM/537/2019-1163, दिनांक 01.06.2020 द्वारा राज्य के सरकारी स्वास्थ्य संस्थानों यथा, चिकित्सा महाविद्यालय एवं अस्पताल, जिला अस्पताल, अनुमंडलीय अस्पताल/रेफरल अस्पताल, सामुदायिक स्वास्थ्य केन्द्र, प्राथमिक स्वास्थ्य केन्द्र, अतिरिक्त प्राथमिक स्वास्थ्य केन्द्र एवं स्वास्थ्य उपकेन्द्र स्तर हेतु आवश्यक उपकरणों की सूची - Essential Equipment List (EEL) विकसित करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर कमिटी गठित की गयी है।

2. उल्लेखनीय है कि राज्य में जिलान्तर्गत जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र में निरंतर स्वास्थ्य सेवाओं का विस्तारीकरण करने की दिशा में अथक प्रयास किये जा रहे हैं। इसी क्रम में मिशन मोड में कई कार्यों को फलीभूत किया गया है। इन सरकारी अस्पतालों में हर स्तर की विशेषज्ञ आधारित चिकित्सकीय सुविधा उपलब्ध कराने हेतु विशेषज्ञ चिकित्सकों एवं अन्य पारा चिकित्सा कर्मियों को पदस्थापित किया गया है। अतएव, इन विशेषज्ञों के द्वारा प्रदत्त की जाने वाली सेवाओं को दृष्टिपथ में रखते हुये गुणवत्तापूर्ण चिकित्सकीय प्रबंधन हेतु IPHS के मापदंडों के अनुरूप जिला अस्पताल, अनुमंडलीय अस्पताल, सामुदायिक स्वास्थ्य केन्द्र एवं प्राथमिक स्वास्थ्य केन्द्र को चिकित्सकीय उपकरणों एवं उपकरणों से सुदृढ़ करने की आवश्यकता राज्य स्तर द्वारा महसूस की गयी है।

3. इसी क्रम में स्वास्थ्य विभागीय संकल्प ज्ञापांक 12/प०-विविध-08-73/2020-903(12), दिनांक 23.12.2020 'सामुदायिक स्वास्थ्य केन्द्र' के लिए 'आवश्यक उपकरणों की सूची- **Essential Equipment List**' अधिसूचित किया गया है।

4. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र हेतु आवश्यक उपकरणों की सूची- **Essential Equipment List (EEL)** तैयार करने हेतु निदेशक प्रमुख (रोग नियंत्रण), स्वास्थ्य सेवायें, बिहार की अध्यक्षता में टेक्निकल कोर कमिटी की बैठक दिनांक 13.09.2022 एवं 26.12.2022 तथा 23.01.2023 को राज्य स्वास्थ्य समिति, बिहार, परिवार कल्याण भवन, शेखपुरा, पटना के सभागार में आयोजित की गयी। बैठक में IPHS Guidelines के तहत उपकरणों/उपस्करों एवं अन्य Consumables की सूची में अंकित सभी उपकरणों/उपस्करों पर टेक्निकल कोर कमिटी के सदस्यों द्वारा सम्यक समीक्षोपरान्त जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की सूची - **Essential Equipments List (EEL)** के रूप में अधिसूचित करने साथ कतिपय अनुशंसायें की गई हैं। उक्त अनुशंसाओं के आधार पर निम्नलिखित निर्णय लिये जाते हैं:-

- i. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के लिए आवश्यक उपकरणों/उपस्करों/मेडिकल डिवाइस को विभागवार श्रेणी में रखते हुये IPHS 2022 तथा उक्त संस्थानों में प्रदत्त स्वास्थ्य सेवाओं के आधार पर उनके औचित्यपूर्ण और विवेकपूर्ण उपयोग को दृष्टिपथ में **Essential Equipment List (EEL)** को अधिसूचित किया जाता है।
- ii. आवश्यक उपकरणों की सूची- **Essential Equipment List** में सिर्फ उपकरणों एवं उपस्करों को रखा गया है। इस सूची में consumables items को नहीं रखा गया है। संस्थानवार consumables की सूची आवश्यक औषधियों की सूची- **Essential Drugs List 2023** में समाहित है।
- iii. जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के लिए अधिसूचित EEL में निहित उपकरणों/उपस्करों/मेडिकल डिवाइस का दर-अनुबंध विहित प्रक्रियानुसार BMSICL द्वारा किया जायेगा। दर अनुबंध की सूचना सभी जिलों के सिविल सर्जन एवं स्वास्थ्य केन्द्र के उपाधीक्षक/प्रभारी चिकित्सा पदाधिकारी को BMSICL द्वारा दी जायेगी एवं जिन उपकरणों/उपस्करों/मेडिकल डिवाइस का दर अनुबंध BMSICL के स्तर से नहीं रहेगा, वैसे उपकरणों के दर अनुबंध/क्रय हेतु BMSICL से अनापत्ति प्राप्त करते हुए वित्तीय नियमावली एवं विभागीय क्रय अनुदेशों का पालन करते हुए सिविल सर्जन द्वारा किया जायेगा। जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी उन्हीं उपकरणों/उपस्करों/मेडिकल डिवाइस की आपूर्ति BMSICL से अथवा जिला स्तर से स्थानीय क्रय के माध्यम से प्राप्त करने हेतु अधियाचना करेंगे, जिन उपकरणों के उपयोग हेतु जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र में विशेषज्ञ चिकित्सक पदस्थापित हो और विशेषज्ञ आधारित चिकित्सकीय सेवायें मरीजों को उपलब्ध करायी जा रही हो।
- iv. सिविल सर्जन जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र के अधीक्षक/उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी के माध्यम से उनके स्वयं के स्तर पर रोगियों की पूर्व संख्या एवं संभावित संख्या तथा प्रदत्त स्वास्थ्य सेवाओं/विशिष्ट चिकित्सा सेवाओं के आधार पर EEL में निहित उपकरणों/उपस्करों/मेडिकल डिवाइस का Gap Analysis करवा कर अपेक्षित आवश्यकता की गणना करने के उपरान्त आवश्यकता आधारित उपकरणों/उपस्करों/मेडिकल डिवाइस की आपूर्ति हेतु BMSICL को Equipment

Management & Maintenance System (EMMS) के माध्यम से ऑनलाइन इन्डेंट करेंगे।

- v. क्रय संस्थान, BMSICL के द्वारा सूची में उल्लेखित उपकरणों/उपस्करों के प्रोक्योरमेंट (अधिप्राप्ति) के दौरान उसके Installation, Calibration, Validation, Training एवं Annual Maintenance Contract (AMC) या Comprehensive Maintenance Contract (CMC) का समुचित प्रावधान निविदा आमंत्रण सूचना (NIT), टेन्डर डॉक्यूमेंट एवं दर-अनुबंध (रेट कॉन्ट्रैक्ट) में करेंगे।
- vi. उक्त संस्थानों के लिए जिला से इन्डेंट के आधार पर BMSICL के स्तर से आपूरित उपकरणों अथवा जिलास्तर पर क्रय की गयी उपकरणों के विवरणी की प्रविष्टि Equipment Management & Maintenance System (EMMS) पर किया जाना अनिवार्य होगा। साथ ही, आपूरित सभी उपकरणों की भौतिक भंडार पंजी (Physical Stock Register) में समान रूप से प्रविष्टि अनिवार्य होगा।
- vii. उक्त संस्थानों में EEL के अनुरूप आपूरित उपकरणों की टैगिंग एवं मैपिंग का कार्य Bio Medical Equipment Maintenance Programme (BMMP) के तहत तत्क्षण ही करा लेने का दायित्व सिविल सर्जन, उपाधीक्षक एवं प्रभारी चिकित्सा पदाधिकारी तथा अस्पताल प्रबंधक की समान रूप से होगी। इस हेतु प्रत्येक स्वास्थ्य संस्थान स्तर पर नोडल पदाधिकारी नामित है।
- viii. EEL की सूची में जिन उपकरणों/उपस्करों की विशिष्टता (Specification) का उल्लेख नहीं है अथवा किसी उपकरण/उपस्कर की विशिष्टता के संबंध में किसी प्रकार के संशय की स्थिति में स्वास्थ्य विभागीय अधिसूचना संख्या 870(12); दिनांक 08.10.2018 द्वारा अधिसूचित BMSICL के प्रोक्योरमेंट मैनुअल 2018 (Manual for the Procurement of Drug and Medical Equipment-2018) की कंडिका 2.2 में यथा उल्लेखित Technical Specification Committee के द्वारा उपकरणों/उपस्करों की विशिष्टता (Specification) का निर्धारण करते हुये बिहार चिकित्सा सेवायें एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) द्वारा अधिप्राप्ति संबंधी समुचित प्रक्रिया प्रारंभ की जाएगी।
- ix. इस विभागीय संकल्प के साथ जिला अस्पताल के लिए 271 एवं अनुमंडलीय अस्पताल के लिए 227 तथा प्राथमिक स्वास्थ्य केन्द्र के लिए 107 प्रकार के आवश्यक उपकरणों/उपस्करों की संलग्न [अनुसूची 'क', 'ख' एवं 'ग'] को Essential Equipments List (EEL) के रूप में अधिसूचित किया जाता है। इस Essential Equipments List (EEL) के अनुरूप प्रत्येक जिला अस्पताल, अनुमंडलीय अस्पताल एवं प्राथमिक स्वास्थ्य केन्द्र में उपकरणों/उपस्करों/मेडिकल डिवाइस की उपलब्धता सुनिश्चित की जाये।

**आदेश-** आदेश दिया जाता है कि इस संकल्प को बिहार राजपत्र की असाधारण अंक में प्रकाशित किया जाय और इसकी प्रति राज्य स्वास्थ्य समिति, बिहार (SHSB), बिहार चिकित्सा सेवायें एवं आधारभूत संरचना निगम लिमिटेड (BMSICL) तथा स्वास्थ्य विभाग के सभी क्षेत्रीय कार्यालयों, सभी जिला पदाधिकारियों, सिविल सर्जनों एवं जिला स्वास्थ्य समितियों को दी जाए।

बिहार-राज्यपाल के आदेश से,  
प्रत्यय अमृत,  
सरकार के अपर मुख्य सचिव।

[illegible]

[illegible]

| SL. NO | Name of the Equipment/<br>Instrument           | Basic Specification  | Medicine | Surgery | Obstetrics and<br>Gynaecology | Paediatrics | NCD | Dental | Eye | orthopaedics | ENT | Dermatology |
|--------|--|--|----------|---------|-------------------------------|-------------|-----|--------|-----|--------------|-----|-------------|
| 52     | Polymerase Chain Reaction (PCR) Analyser       |  |          |         |                               |             |     |        |     |              |     |             |
| 53     | ELISA  | Reader with Washer & Printer   |          |         |                               |             |     |        |     |              |     |             |
| 54     | Flame Photometry                               |  |          |         |                               |             |     |        |     |              |     |             |
| 55     | Flow cytometer                                 |  |          |         |                               |             |     |        |     |              |     |             |
| 56     | Binocular Microscope                           |  |          |         |                               |             |     |        |     |              |     |             |
| 57     | Automated/Manual Chemiluminescence Immunoassay |  |          |         |                               |             |     |        |     |              |     |             |
| 58     | Examination table with in-built IV stand       |  |          |         |                               |             |     |        |     |              |     |             |
| 59     | Suction Machine                                | Electrical   |          | Yes     | Yes                           | Yes         |     |        |     | Yes          |     |             |
| 60     | Suction machine                                | Foot Operated  |          | Yes     | Yes                           | Yes         |     |        |     | Yes          |     |             |
| 61     | Ear & Nasal Suction machine                    |  |          |         |                               |             |     |        |     |              | Yes |             |
| 62     | Hospital Bed/Fowler bed                        | With Mattress  |          |         |                               |             |     |        |     |              |     |             |
| 63     | Radiant warmer                                 |  |          |         | Yes                           |             |     |        |     |              |     |             |
| 64     | Dental chair with Compressor                   | Air Rotor (Air rotor hand piece contra angle two and one straight hand piece (4 lakhs RPM), Ultrasonic Scalar with four tips |          |         |                               |             |     | Yes    |     |              |     |             |
| 65     | ENT examination chair                          |  |          |         |                               |             |     |        |     |              | Yes |             |
| 66     | Examination Light                              | LED  | Yes      | Yes     | Yes                           | Yes         | Yes | Yes    | Yes | Yes          | Yes | Yes         |
| 67     | Sphygmomanometer                               | Aneroid  | Yes      | Yes     | Yes                           | Yes         | Yes | Yes    | Yes | Yes          | Yes | Yes         |
| 68     | Ophthalmoscope- Direct                         |  | Yes      |         |                               | Yes         |     |        | Yes |              |     |             |
| 69     | Indirect Ophthalmoscope with 20 D & 90 D Lens  |  |          |         |                               |             |     |        | Yes |              |     |             |
| 70     | Operating Microscope (Eye)                     |  |          |         |                               |             |     |        | Yes |              |     |             |
| 71     | Operating Microscope (ENT)                     |  |          |         |                               |             |     |        |     |              | Yes |             |
| 72     | Phaco Machine                                  |  |          |         |                               |             |     |        | Yes |              |     |             |
| 73     | Otoscope                                       |  |          |         |                               |             |     |        |     |              | Yes |             |
| 74     | Hysteroscope                                   |  |          |         | Yes                           |             |     |        |     |              |     |             |

| SL. NO | Name of the Equipment/ Instrument          | Basic Specification | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | orthopaedics | ENT | Dermatology |
|--------|--|---------------------|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|-------------|
| 75     | Vaccum Extractor                           |                     |          |         | Yes                        |             |     |        |     |              |     |             |
| 76     | Proctoscope- Adult                         |                     |          | Yes     |                            |             |     |        |     |              |     |             |
| 77     | Proctoscope- Child                         |                     |          | Yes     |                            |             |     |        |     |              |     |             |
| 78     | Arthroscope                                |                     |          |         |                            |             |     |        |     | Yes          |     |             |
| 79     | Spirometer                                 |                     | Yes      |         |                            |             |     |        |     |              |     |             |
| 80     | Syringe Pump                               |                     |          |         |                            |             |     |        |     |              |     |             |
| 81     | Infusion Pump                              |                     |          |         |                            |             |     |        |     |              |     |             |
| 82     | Fetal Doppler                              |                     |          |         | Yes                        |             |     |        |     |              |     |             |
| 83     | Foetoscope                                 |                     |          |         | Yes                        |             |     |        |     |              |     |             |
| 84     | Chest Tube With Water Seal                 |                     | Yes      |         |                            |             |     |        |     |              |     |             |
| 85     | Infantometer                               |                     |          |         |                            | Yes         |     |        |     |              |     |             |
| 86     | Stadiometer                                |                     | Yes      |         |                            | Yes         | Yes |        |     |              |     |             |
| 87     | Stethoscope                                |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes | Yes         |
| 88     | Streak Retinoscope                         |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 89     | A- Scan Biometer                           |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 90     | B- Scan Biometer                           |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 91     | Auto refractometer with Keratometer        |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 92     | Non-Contact Tonometer (NCT)                |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 93     | Schiotz Tonometer                          |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 94     | Gonio Lens                                 |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 95     | Small Incision Cataract Surgery (SICS) Set |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 96     | Distance Vision Drum                       |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 97     | Near Vision Drum                           |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 98     | Ishihara Colour Vision Test Book           |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 99     | Ambu bags- Adult                           |                     | Yes      | Yes     | Yes                        |             |     |        |     |              |     |             |
| 100    | Ambu bags- Paediatrics                     |                     | Yes      | Yes     | Yes                        |             |     |        |     |              |     |             |
| 101    | Ambu bags- Neonatal                        |                     |          |         | Yes                        |             |     |        |     |              |     |             |
| 102    | Resuscitation Kit- Adult                   |                     | Yes      |         | Yes                        |             |     |        |     |              |     |             |
| 103    | Resuscitation Kit- Neonatal                |                     |          |         | Yes                        |             |     |        |     |              |     |             |
| 104    | Applanation Tonometer                      |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 105    | Fundus Camera                              |                     |          |         |                            |             |     |        | Yes |              |     |             |
| 106    | OCT (Optical coherence tomography)         |                     |          |         |                            |             |     |        | Yes |              |     |             |

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| SL. NO | Name of the Equipment/<br>Instrument  | Basic Specification | Medicine | Surgery | Obstetrics and<br>Gynaecology | Paediatrics | NCD | Dental | Eye | orthopaedics | ENT | Dermatology |
|--------|---|---------------------|----------|---------|-------------------------------|-------------|-----|--------|-----|--------------|-----|-------------|
| 136    | Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b>   |                     |          |         | Yes                           |             |     |        |     |              |     |             |
| 137    | <b>Tracheostomy Set</b><br>(i) Tracheal hook (blunt & sharp)<br>(ii) Tracheal dilator<br>(iii) Fuller's Tracheostomy tube<br>(iv) Jackson's Tracheostomy tube<br>(v) Cuffed Tracheostomy tube<br>(vi) Right angled retractor<br>(vii) Mosquito Artery forcep<br>(viii) Allis forcep<br>(ix) BP Handle with blade<br>(x) Tooth & plain dissecting forcep |                     |          |         |                               |             |     |        |     |              | Yes |             |
| 138    | <b>Normal delivery kit</b><br>(i) Cord cutting scissor<br>(ii) Artery forceps (medium size)<br>(iii) Sponge holding forceps (medium)<br>(iv) Bivalve cuscus speculum (medium size)<br>(v) Kidney tray<br>(vi) Small bowl for antiseptic lotion  |                     |          |         | Yes                           |             |     |        |     |              |     |             |
| 139    | <b>Episiotomy kit</b><br>(i) Episiotomy scissor<br>(ii) Artery forceps (medium size)<br>(iii) Allis forceps<br>(iv) Sponge holding forceps (medium)<br>(v) Toothed forceps<br>(vi) Thumb forceps<br>(vii) Kidney tray<br>(viii) Needle holder<br>(ix) Needle (Round Body and Cutting)   |                     |          |         | Yes                           |             |     |        |     |              |     |             |

| SL. NO | Name of the Equipment/<br>Instrument   | Basic Specification | Medicine | Surgery | Obstetrics and<br>Gynaecology | Paediatrics | NCD | Dental | Eye | orthopaedics | ENT | Dermatology |
|--------|--|---------------------|----------|---------|-------------------------------|-------------|-----|--------|-----|--------------|-----|-------------|
| 140    | <b>P.M. Equipment (list)</b><br>I. Amputation Saw 12”<br>II. Bowel Scissors 7"<br>III. Post- Mortem Scissors 6"<br>IV. Blow Pipe straight 8"<br>V. Hammer with chisel 8”<br>VI. Detachable Cross handle chisel 3.5”<br>VII. Skull Rest 7”VIII. Brain Knife 9.5”<br>IX. Caltin Knife 9.5”<br>X. Cartilage Knife 7.5”<br>XI. Scalpel 16”XII. Dissecting Forceps 6”<br>XIII. Chain hook set of 3, 3”<br>XIV. Scalpel Handle 127 mm<br>XV. Organ knife and saw 22mm blade<br>XVI. Bistoury Knife 70mm blade<br>XVII. Rib Knife<br>XVIII. Pelvic Organ Knife<br>XIX. Dissection scissors<br>XX. Bone cutting scissors<br>XXI. Needle HolderXXII. Raspatory<br>XXIII. Retractor<br>XXIV. Osteotome<br>XXV. Vagotomy<br>XXVI. Surgical needles<br>XXVII. Folding rulers 300 mm<br>XXVIII. Probes with eye/fish tail<br>XXIX. Measuring/specimen jar (100 ml and 1 Litre)<br>XXX. Rib Shear<br>XXXI. Magnifying lens |                     |          |         |                               |             |     |        |     |              |     |             |
| 141    | BP handle No. 4  |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 142    | Artery Forceps- Straight   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 143    | Artery Forceps- Curved   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 144    | Mosquito forceps- Straight   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 145    | Mosquito forceps- Curved   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 146    | Plain dissecting forceps   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 147    | Tooth dissecting forceps   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 148    | Right angle detector   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 149    | Needle holder- Large   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 150    | Needle holder- Small   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |
| 151    | BP blade   |                     |          | Yes     | Yes                           |             |     |        |     |              |     |             |

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**Essential Equipment List (EEL) For District Hospital**  
**As recommended by Technical Core Committee for EEL**

| SL. NO | Name of the Equipment/ Instrument                | Basic Specification                              | Psychiatry | Neonatology | Cardiology | Urology | Geriatric | NRC | Emergency | Anaesthesia | ICU | SNCU+MNCU |
|--------|--|--|------------|-------------|------------|---------|-----------|-----|-----------|-------------|-----|-----------|
| 1      | ICU Bed  | Electric Operated                                |            |             |            |         |           |     | Yes       |             | Yes |           |
| 2      | Pediatric ICU Bed                                | Electric Operated                                |            |             |            |         |           |     |           |             |     |           |
| 3      | Resuscitation Bed                                | Manual   |            |             |            |         |           |     | Yes       |             |     |           |
| 4      | OT Table   | Electric Operated with all accessories           |            |             |            |         |           |     | Yes       |             |     |           |
| 5      | Ophthalmic OT Table                              |  |            |             |            |         |           |     |           |             |     |           |
| 6      | LDR Bed  |  |            |             |            |         |           |     |           |             |     |           |
| 7      | LED OT Light                                     | Double Dome                                      |            |             |            |         |           |     | Yes       |             |     |           |
| 8      | USG Machine                                      | Convex Probe, TVS Probe                          |            |             |            |         |           |     |           |             |     |           |
| 9      | USG Machine with Color Doppler and Echo facility | Convex Probe, TVS Probe, Linear Probe, Eco Probe |            |             |            |         |           |     |           |             |     |           |
| 10     | Portable Ultrasound                              |  |            |             |            |         |           |     |           |             |     |           |
| 11     | Dialysis Machine                                 |  |            |             |            |         |           |     |           |             |     |           |
| 12     | Dialyzer reprocessing unit                       |  |            |             |            |         |           |     |           |             |     |           |
| 13     | Dialysis RO Plant                                | 500 LPM  |            |             |            |         |           |     |           |             |     |           |
| 14     | C arm with accessories                           | 12 Inches  |            |             |            |         |           |     |           |             |     |           |
| 15     | C.T. Scan  |  |            |             |            |         |           |     |           |             |     |           |
| 16     | Mammography unit                                 |  |            |             |            |         |           |     |           |             |     |           |
| 17     | Mechanical ventilator                            |  |            |             |            |         |           |     |           |             | Yes |           |
| 18     | Transport Ventilator                             |  |            |             |            |         |           |     |           |             | Yes |           |
| 19     | Transport Monitor                                |  |            |             |            |         |           |     |           |             | Yes |           |
| 20     | Multipara Monitor                                | ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP  |            |             | Yes        |         |           |     | Yes       |             | Yes | Yes       |
| 21     | ECG Machine                                      | 12 Channel                                       |            |             | Yes        |         |           |     | Yes       |             | Yes |           |

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| SL. NO | Name of the Equipment/<br>Instrument          | Basic Specification | Psychiatry | Neonatology | Cardiology | Urology | Geriatric | NRC | Emergency | Anaesthesia | ICU | SNCU+MNCU |
|--------|---|---------------------|------------|-------------|------------|---------|-----------|-----|-----------|-------------|-----|-----------|
| 69     | Indirect Ophthalmoscope with 20 D & 90 D Lens |                     |            |             |            |         |           |     |           |             |     |           |
| 70     | Operating Microscope (Eye)                    |                     |            |             |            |         |           |     |           |             |     |           |
| 71     | Operating Microscope (ENT)                    |                     |            |             |            |         |           |     |           |             |     |           |
| 72     | Phaco Machine                                 |                     |            |             |            |         |           |     |           |             |     |           |
| 73     | Otoscope                                      |                     |            |             |            |         |           |     |           |             |     |           |
| 74     | Hysteroscope                                  |                     |            |             |            |         |           |     |           |             |     |           |
| 75     | Vaccum Extractor                              |                     |            |             |            |         |           |     |           |             |     |           |
| 76     | Proctoscope- Adult                            |                     |            |             |            |         |           |     |           |             |     |           |
| 77     | Proctoscope- Child                            |                     |            |             |            |         |           |     |           |             |     |           |
| 78     | Arthroscope                                   |                     |            |             |            |         |           |     |           |             |     |           |
| 79     | Spirometer                                    |                     |            |             |            |         |           |     |           |             |     |           |
| 80     | Syringe Pump                                  |                     |            |             |            |         |           |     |           |             | Yes | Yes       |
| 81     | Infusion Pump                                 |                     |            |             |            |         |           |     |           |             | Yes | Yes       |
| 82     | Fetal Doppler                                 |                     |            |             |            |         |           |     |           |             |     |           |
| 83     | Foetoscope                                    |                     |            |             |            |         |           |     |           |             |     |           |
| 84     | Chest Tube With Water Seal                    |                     |            |             |            |         |           |     | Yes       |             |     |           |
| 85     | Infantometer                                  |                     |            |             |            |         |           | Yes |           |             |     | Yes       |
| 86     | Stadiometer                                   |                     |            |             |            |         |           | Yes |           |             |     |           |
| 87     | Stethoscope                                   |                     | Yes        | Yes         | Yes        | Yes     | Yes       | Yes | Yes       | Yes         | Yes | Yes       |
| 88     | Streak Retinoscope                            |                     |            |             |            |         |           |     |           |             |     |           |
| 89     | A- Scan Biometer                              |                     |            |             |            |         |           |     |           |             |     |           |
| 90     | B- Scan Biometer                              |                     |            |             |            |         |           |     |           |             |     |           |
| 91     | Auto refractometer with Keratometer           |                     |            |             |            |         |           |     |           |             |     |           |
| 92     | Non-Contact Tonometer (NCT)                   |                     |            |             |            |         |           |     |           |             |     |           |
| 93     | Schiotz Tonometer                             |                     |            |             |            |         |           |     |           |             |     |           |
| 94     | Gonio Lens                                    |                     |            |             |            |         |           |     |           |             |     |           |
| 95     | Small Incision Cataract Surgery (SICS) Set    |                     |            |             |            |         |           |     |           |             |     |           |
| 96     | Distance Vision Drum                          |                     |            |             |            |         |           |     |           |             |     |           |
| 97     | Near Vision Drum                              |                     |            |             |            |         |           |     |           |             |     |           |
| 98     | Ishihara Colour Vision Test Book              |                     |            |             |            |         |           |     |           |             |     |           |
| 99     | Ambu bags- Adult                              |                     |            |             |            |         |           |     | Yes       | Yes         | Yes |           |

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| SL. NO | Name of the Equipment/ Instrument         | Basic Specification | Psychiatry | Neonatology | Cardiology | Urology | Geriatric | NRC | Emergency | Anaesthesia | ICU | SNCU+MNCU |
|--------|---|---------------------|------------|-------------|------------|---------|-----------|-----|-----------|-------------|-----|-----------|
| 142    | Artery Forceps- Straight                  |                     |            |             |            |         |           |     |           |             |     |           |
| 143    | Artery Forceps- Curved                    |                     |            |             |            |         |           |     |           |             |     |           |
| 144    | Mosquito forceps- Straight                |                     |            |             |            |         |           |     |           |             |     |           |
| 145    | Mosquito forceps- Curved                  |                     |            |             |            |         |           |     |           |             |     |           |
| 146    | Plain dissecting forceps                  |                     |            |             |            |         |           |     |           |             |     |           |
| 147    | Tooth dissecting forceps                  |                     |            |             |            |         |           |     |           |             |     |           |
| 148    | Right angle detector                      |                     |            |             |            |         |           |     |           |             |     |           |
| 149    | Needle holder- Large                      |                     |            |             |            |         |           |     |           |             |     |           |
| 150    | Needle holder- Small                      |                     |            |             |            |         |           |     |           |             |     |           |
| 151    | BP blade                                  |                     |            |             |            |         |           |     |           |             |     |           |
| 152    | Dissecting scissor 8"                     |                     |            |             |            |         |           |     |           |             |     |           |
| 153    | Allis tissue forceps                      |                     |            |             |            |         |           |     |           |             |     |           |
| 154    | Mayo's scissors                           |                     |            |             |            |         |           |     |           |             |     |           |
| 155    | Dissecting scissors 8" curved             |                     |            |             |            |         |           |     |           |             |     |           |
| 156    | Ttitch cutting scissors                   |                     |            |             |            |         |           |     |           |             |     |           |
| 157    | Gauge cutting/bandage cutting scissors 12 |                     |            |             |            |         |           |     |           |             |     |           |
| 158    | Kidney tray- Small                        |                     |            |             |            |         |           |     |           |             |     |           |
| 159    | Kidney tray- Big                          |                     |            |             |            |         |           |     |           |             |     |           |
| 160    | Sponge holing forceps- Straight           |                     |            |             |            |         |           |     |           |             |     |           |
| 161    | Kocher's artery forceps- Curved           |                     |            |             |            |         |           |     |           |             |     |           |
| 162    | Cat's paw retractor                       |                     |            |             |            |         |           |     |           |             |     |           |
| 163    | Ear speculum                              |                     |            |             |            |         |           |     |           |             |     |           |
| 164    | Nasal speculum- Adult                     |                     |            |             |            |         |           |     |           |             |     |           |
| 165    | Nasal speculum- Child                     |                     |            |             |            |         |           |     |           |             |     |           |
| 166    | Female metallic catheter                  |                     |            |             |            |         |           |     |           |             |     |           |
| 167    | Tongue depressor                          |                     |            |             |            |         |           |     | Yes       |             |     |           |
| 168    | Vaginal speculum- Large                   |                     |            |             |            |         |           |     |           |             |     |           |
| 169    | Vaginal speculum- Small                   |                     |            |             |            |         |           |     |           |             |     |           |
| 170    | Vaginal speculums-Cusco                   |                     |            |             |            |         |           |     |           |             |     |           |
| 171    | Removal of Stitches Tray                  |                     |            |             |            |         |           |     | Yes       |             |     |           |
| 172    | Tuning Fork (156 Hz)                      |                     |            |             |            |         | Yes       |     |           |             |     |           |
| 173    | Tuning fork (512 Hz)                      |                     |            |             |            |         | Yes       |     |           |             |     |           |

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**Essential Equipment List (EEL) For District Hospital**  
**As recommended by Technical Core Committee for EEL**

| SL. NO | Name of the Equipment/ Instrument                | Basic Specification                              | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|--|--|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 1      | ICU Bed  | Electric Operated                                |      |                   |           |      |            |          |                      |               |              |                 |
| 2      | Pediatric ICU Bed                                | Electric Operated                                | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 3      | Resuscitation Bed                                | Manual   |      |                   |           |      |            |          |                      |               |              |                 |
| 4      | OT Table   | Electric Operated with all accessories           |      | Yes               |           |      |            |          |                      |               |              |                 |
| 5      | Ophthalmic OT Table                              |  |      |                   |           |      |            |          |                      |               |              |                 |
| 6      | LDR Bed  |  |      |                   |           |      |            |          |                      |               |              |                 |
| 7      | LED OT Light                                     | Double Dome                                      |      | Yes               |           |      |            |          |                      |               |              |                 |
| 8      | USG Machine                                      | Convex Probe, TVS Probe                          |      |                   |           |      |            |          |                      |               |              |                 |
| 9      | USG Machine with Color Doppler and Echo facility | Convex Probe, TVS Probe, Linear Probe, Eco Probe |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 10     | Portable Ultrasound                              |  |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 11     | Dialysis Machine                                 |  |      |                   |           |      |            | Yes      |                      |               |              |                 |
| 12     | Dialyzer reprocessing unit                       |  |      |                   |           |      |            | Yes      |                      |               |              |                 |
| 13     | Dialysis RO Plant                                | 500 LPM  |      |                   |           |      |            | Yes      |                      |               |              |                 |
| 14     | C arm with accessories                           | 12 Inches  |      |                   |           |      |            |          |                      |               |              |                 |
| 15     | C.T. Scan  |  |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 16     | Mammography unit                                 |  |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 17     | Mechanical ventilator                            |  |      |                   |           |      |            |          |                      |               |              |                 |
| 18     | Transport Ventilator                             |  |      |                   |           |      |            |          |                      |               |              |                 |
| 19     | Transport Monitor                                |  |      |                   |           |      |            |          |                      |               |              |                 |
| 20     | Multipara Monitor                                | ECG, SPO2, NIBP, Temp, Respiration, EtCO2, IABP  | Yes  | Yes               |           |      |            |          |                      |               |              |                 |

| SL. NO | Name of the Equipment/ Instrument                                   | Basic Specification      | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|---|--------------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 21     | ECG Machine   | 12 Channel               |      | Yes               |           | Yes  |            |          | Yes                  |               |              |                 |
| 22     | Cardiotocography (CTG) Machine                                      |                          |      |                   |           |      |            |          |                      |               |              |                 |
| 23     | Defibrillator with TCP & AED  |                          |      | Yes               |           |      |            |          |                      |               |              |                 |
| 24     | Oxygen Concentrator   | 5 ltrs                   | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 25     | Oxygen Concentrator   | 10 ltrs                  | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 26     | Anaesthesia workstation   |                          |      | Yes               |           |      |            |          |                      |               |              |                 |
| 27     | Pulse Oximeter  | Adult & Paediatric Probe | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 28     | Phototherapy  | LED Single Surface       | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 29     | Computed Radiography (CR) System                                    |                          |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 30     | X Ray 300 mA  |                          |      |                   | Yes       |      |            |          |                      |               |              |                 |
| 31     | X Ray 100 mA (Mobile)   |                          |      |                   |           |      |            |          |                      |               |              |                 |
| 32     | X-ray machine Dental  |                          |      |                   |           |      |            |          |                      |               |              |                 |
| 33     | Bubble CPAP with Compressor   |                          | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 34     | BiPap Machine   |                          | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 35     | Electric cautery  | 400W                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 36     | Chemical Cautery  |                          |      |                   |           |      |            |          |                      |               |              |                 |
| 37     | Surgical Diathermy Bipolar  |                          |      | Yes               |           |      |            |          |                      |               |              |                 |
| 38     | Transcutaneous Bilirubinometer                                      |                          | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 39     | Irradiance Meter  |                          | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 40     | Vein Finder   |                          | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 41     | LED spot lights   | Mobile                   |      | Yes               |           | Yes  | Yes        |          |                      |               |              |                 |
| 42     | Intermittent compression device for DVT prophylaxis                 | DVT Pump                 |      | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 43     | ABG   | Reagent/ Cartridge       |      |                   |           |      |            |          | Yes                  |               |              |                 |
| 44     | Negative Ionizer/Air purifier                                       |                          |      |                   |           |      |            |          |                      |               |              |                 |
| 45     | Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading) |                          |      |                   |           |      |            |          | Yes                  |               |              |                 |

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| SL. NO | Name of the Equipment/ Instrument              | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|--|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 94     | Gonio Lens                                     |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 95     | Small Incision Cataract Surgery (SICS) Set     |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 96     | Distance Vision Drum                           |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 97     | Near Vision Drum                               |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 98     | Ishihara Colour Vision Test Book               |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 99     | Ambu bags- Adult                               |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 100    | Ambu bags- Paediatrics                         |                     | Yes  | Yes               |           |      |            |          |                      |               |              |                 |
| 101    | Ambu bags- Neonatal                            |                     | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 102    | Resuscitation Kit- Adult                       |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 103    | Resuscitation Kit- Neonatal                    |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 104    | Applanation Tonometer                          |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 105    | Fundus Camera                                  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 106    | OCT (Optical coherence tomography)             |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 107    | Trial lens set with trial frame Adult/Children |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 108    | Ultrasonic Nebulizer                           |                     | Yes  |                   |           | Yes  |            |          |                      |               |              |                 |
| 109    | Nebulizer                                      |                     | Yes  |                   |           | Yes  |            |          |                      |               |              |                 |
| 110    | Laryngoscope Adult                             | LED                 |      | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 111    | Laryngoscope Paediatric                        | LED                 | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 112    | LED light cure unit                            |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 113    | X-Ray view box                                 | LED                 | Yes  | Yes               | Yes       | Yes  |            |          |                      |               |              |                 |
| 114    | Horizontal Autoclave with UV light             |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 115    | Vertical Autoclave                             | 60 ltrs             |      | Yes               |           |      |            |          |                      |               |              |                 |
| 116    | Portable Autoclave                             |                     | Yes  | Yes               |           | Yes  |            | Yes      |                      |               | Yes          |                 |
| 117    | Flash Autoclave                                | 20 litres           |      | Yes               |           |      |            |          |                      |               |              |                 |
| 118    | Perimeter                                      |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 119    | Bowl Sterilizers - Different Sizes             |                     | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 120    | Surgical Drum Inch                             |                     | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |

| SL. NO | Name of the Equipment/ Instrument   | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|---|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 121    | Washer Disinfector- 30- 45 Litres   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 122    | Water Bath (Electric)   |                     |      |                   |           |      |            |          | Yes                  |               | Yes          |                 |
| 123    | Glucometer  |                     | Yes  | Yes               |           | Yes  |            |          | Yes                  |               |              |                 |
| 124    | Weighing Scale- Adult   | Digital             |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 125    | Weighing Scale- Paediatric  | Digital             | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 126    | BiPAP/CPAP Mask   |                     | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 127    | Oxygen Hood   |                     | Yes  |                   |           |      |            |          |                      |               |              |                 |
| 128    | Flow Meter  |                     | Yes  | Yes               |           | Yes  |            |          |                      |               | Yes          |                 |
| 129    | External fixator  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 130    | Pneumatic drill   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 131    | Reamer  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 132    | Tourniquet- Adult   |                     |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 133    | Tourniquet- Child   |                     |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 134    | Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>                    |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 135    | Surgical instruments and sets as required for each surgery/procedure for <b>Ortho OT</b>                      |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 136    | Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b> |                     |      | Yes               |           |      |            |          |                      |               |              |                 |



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| SL. NO | Name of the Equipment/ Instrument  | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|--|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 140    | <b>P.M. Equipment (list)</b><br>I. Amputation Saw 12"<br>II. Bowel Scissors 7"<br>III. Post- Mortem Scissors 6"<br>IV. Blow Pipe straight 8"<br>V. Hammer with chisel 8"<br>VI. Detachable Cross handle chisel 3.5"<br>VII. Skull Rest 7"VIII. Brain Knife 9.5"<br>IX. Caltin Knife 9.5"<br>X. Cartilage Knife 7.5"<br>XI. Scalpel 16"XII. Dissecting Forceps 6"<br>XIII. Chain hook set of 3, 3"<br>XIV. Scalpel Handle 127 mm<br>XV. Organ knife and saw 22mm blade<br>XVI. Bistoury Knife 70mm blade<br>XVII. Rib Knife<br>XVIII. Pelvic Organ Knife<br>XIX. Dissection scissors<br>XX. Bone cutting scissors<br>XXI. Needle HolderXXII. Raspatory<br>XXIII. Retractor<br>XXIV. Osteotome<br>XXV. Vagotomy<br>XXVI. Surgical needles<br>XXVII. Folding rulers 300 mm<br>XXVIII. Probes with eye/fish tail<br>XXIX. Measuring/specimen jar (100 ml and 1 Litre)<br>XXX. Rib Shear<br>XXXI. Magnifying lens |                     |      |                   |           |      | Yes        |          |                      |               |              |                 |
| 141    | BP handle No. 4  |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 142    | Artery Forceps- Straight   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 143    | Artery Forceps- Curved   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 144    | Mosquito forceps- Straight   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 145    | Mosquito forceps- Curved   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 146    | Plain dissecting forceps   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |

| SL. NO | Name of the Equipment/ Instrument         | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|---|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 147    | Tooth dissecting forceps                  |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 148    | Right angle detector                      |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 149    | Needle holder- Large                      |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 150    | Needle holder- Small                      |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 151    | BP blade                                  |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 152    | Dissecting scissor 8"                     |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 153    | Allis tissue forceps                      |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 154    | Mayo's scissors                           |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 155    | Dissecting scissors 8" curved             |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 156    | Ttitch cutting scissors                   |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 157    | Gauge cutting/bandage cutting scissors 12 |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 158    | Kidney tray- Small                        |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 159    | Kidney tray- Big                          |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 160    | Sponge holing forceps- Straight           |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 161    | Kocher's artery forceps- Curved           |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 162    | Cat's paw retractor                       |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 163    | Ear speculum                              |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 164    | Nasal speculum- Adult                     |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 165    | Nasal speculum- Child                     |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 166    | Female metallic catheter                  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 167    | Tongue depressor                          |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 168    | Vaginal speculum- Large                   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 169    | Vaginal speculum- Small                   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 170    | Vaginal speculums-Cusco                   |                     |      |                   |           |      |            |          |                      |               |              | Yes             |
| 171    | Removal of Stitches Tray                  |                     |      | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 172    | Tuning Fork (156 Hz)                      |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 173    | Tuning fork (512 Hz)                      |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 174    | Percussion Hammer                         |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 175    | Wooden Tongue Depressor                   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 176    | Foot stool                                |                     |      | Yes               |           |      |            |          |                      |               |              |                 |

| SL. NO | Name of the Equipment/ Instrument                             | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|---|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 177    | Gynaecological Examination tray                               |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 178    | Spatula tray  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 179    | OPT   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 180    | Mouth Mirror  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 181    | Examination Instruments in dentistry                          |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 182    | Slit lamp refraction units                                    |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 183    | Punctum Dilator   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 184    | PEEP valve  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 185    | Nasal Speculum  |                     |      | Yes               |           |      |            |          |                      |               |              |                 |
| 186    | Laryngeal mirror  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 187    | Nasopharyngeal mirrors Aural speculum Siegles speculum        |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 188    | Magill's forceps  |                     | Yes  | Yes               |           |      |            |          |                      |               |              |                 |
| 189    | Reflex hammer   |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 190    | Goinometer  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 191    | Jobson Horne Probe  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 192    | Punch Biopsy Gun  |                     |      |                   |           |      |            |          |                      |               |              |                 |
| 193    | IV Stand  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 194    | Stretcher   | SS                  | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 195    | Wheelchair  |                     | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 196    | Medicine Trolley  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 197    | Crash Cart  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               | Yes          |                 |
| 198    | Mayo Stand  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 199    | Surgical Trolley  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 200    | Equipment Trolley   | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 201    | Instrument trolley  | SS                  | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 202    | Patient Trolley   |                     | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |              |                 |
| 203    | Anaesthesia Trolley (Complete with Ambu bags and other items) |                     |      | Yes               |           |      |            |          |                      |               |              |                 |

| SL. NO | Name of the Equipment/ Instrument   | Basic Specification | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre            | ART, ICTC, DSRC |
|--------|---|---------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|-------------------------|-----------------|
| 204    | Cylinder Trolley  |                     | Yes  | Yes               |           | Yes  |            |          |                      |               | Yes                     |                 |
| 205    | Oxygen cylinder Type D/B with all accessories (with flow meter/tubing/catheter/ face mask/nasal prongs) |                     | Yes  | Yes               |           | Yes  |            |          |                      |               | Yes<br>Typ<br>Yes<br>-B |                 |
| 206    | Cardiac Table   |                     |      |                   |           |      |            |          |                      |               |                         |                 |
| 207    | Mortuary Table  | SS                  |      |                   |           |      | Yes        |          |                      |               |                         |                 |
| 208    | Bed side locker   | SS                  | Yes  |                   |           | Yes  |            | Yes      |                      |               |                         |                 |
| 209    | Weighing machines (Organs)  |                     |      |                   |           |      | Yes        |          |                      |               |                         |                 |
| 210    | Measuring glasses (liquids)   |                     |      |                   |           |      | Yes        |          |                      |               |                         |                 |
| 211    | Head lamp   |                     |      |                   |           |      | Yes        |          |                      |               |                         |                 |
| 212    | Thermometer   | Digital             | Yes  | Yes               |           | Yes  |            | Yes      |                      |               |                         | Yes             |
| 213    | Shoulder Wheel  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 214    | Wall ladder finger Exerciser  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 215    | Finger Exerciser web  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 216    | Shoulder Pulley   |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 217    | Adjustable Walker   |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 218    | Reciprocal walker   |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 219    | Exercise Coucdih  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 220    | Spiro meter with disposable mouthpiece  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 221    | Lower & Upper extremity cycle/Basic Ergo meter  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 222    | Ultrasound therapy  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 223    | TENS  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 224    | Interferential therapy/Electrotherapy unit  |                     |      |                   |           |      |            |          |                      | Yes           |                         |                 |
| 225    | LED Torch   |                     | Yes  | Yes               | Yes       | Yes  | Yes        | Yes      |                      |               |                         |                 |
| 226    | Measuring tape  |                     | Yes  | Yes               | Yes       | Yes  | Yes        | Yes      |                      |               |                         |                 |
| 227    | Roof/Wall Mounted single piece curtain to ensure privacy  |                     | Yes  | Yes               | Yes       | Yes  | Yes        | Yes      |                      |               |                         |                 |
| 228    | Colour coded bins   |                     | Yes  | Yes               | Yes       | Yes  |            | Yes      | Yes                  | Yes           | Yes                     | Yes             |

| SL. NO | Name of the Equipment/ Instrument                              | Basic Specification      | PICU | Operation Theatre | Radiology | Ward | Postmortem | Dialysis | Diagnostic/Pathology | Physiotherapy | Blood Centre | ART, ICTC, DSRC |
|--------|--|--------------------------|------|-------------------|-----------|------|------------|----------|----------------------|---------------|--------------|-----------------|
| 229    | Chair for Doctor   |                          | Yes  | Yes               |           | Yes  |            | Yes      | Yes                  | Yes           | Yes          |                 |
| 230    | Chair for Nurses   |                          | Yes  | Yes               |           | Yes  |            | Yes      | Yes                  | Yes           | Yes          |                 |
| 231    | Table for Doctor   |                          | Yes  | Yes               |           | Yes  |            | Yes      | Yes                  | Yes           | Yes          |                 |
| 232    | Table for Nurses   |                          | Yes  | Yes               |           | Yes  |            | Yes      | Yes                  | Yes           | Yes          |                 |
| 233    | Chairs for patients/attendants                                 |                          | Yes  | Yes               | Yes       | Yes  |            | Yes      | Yes                  | Yes           | Yes          | Yes             |
| 234    | Domestic Refrigerator 210 litres with Stabilizer               |                          | Yes  | Yes               | Yes       | Yes  |            | Yes      | Yes                  |               |              |                 |
| 235    | Central pipelines for supply of Oxygen (3 outlets on each bed) |                          | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 236    | Central Suction  |                          | Yes  | Yes               |           | Yes  |            |          |                      |               |              |                 |
| 237    | Central Medical Air  |                          | Yes  | Yes               |           |      |            |          |                      |               |              |                 |
| 238    | Centrifuge with Display  | Table top, RPM 4000-4500 |      |                   |           |      |            |          | Yes                  |               | Yes          | Yes             |
| 239    | Hot Air oven   |                          |      |                   |           |      |            |          | Yes                  |               | Yes          |                 |
| 240    | Laboratory Incubator with thermostat                           |                          |      |                   |           |      |            |          | Yes                  |               | Yes          |                 |
| 241    | Water Bath Serological with Variable Temperature               |                          |      |                   |           |      |            |          | Yes                  |               | Yes          |                 |
| 242    | Mechanical Shaker/Rotator                                      |                          |      |                   |           |      |            |          | Yes                  |               | Yes          | Yes             |
| 243    | Blood Bank Refrigerator  | 300 bag                  |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 244    | Blood Collection Monitor                                       | With Agitator            |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 245    | Tube sealer- Table top   |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 246    | Tube sealer- Portable  |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 247    | Platelet Incubator With Agitator                               |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 248    | Refrigerated Centrifuge  |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 249    | Donor Couch  |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 250    | Apheresis Machine  |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 251    | Plasma Thawing Bath  |                          |      |                   |           |      |            |          |                      |               | Yes          |                 |
| 252    | Haemoglobinometer Digital                                      |                          | Yes  | Yes               |           |      |            |          | Yes                  |               | Yes          |                 |
| 253    | Electric Needle Destroyer                                      |                          | Yes  | Yes               | Yes       | Yes  |            | Yes      | Yes                  |               | Yes          |                 |
| 254    | Hub Cutter/Needle Cutter                                       |                          | Yes  | Yes               | Yes       | Yes  |            | Yes      | Yes                  |               | Yes          | Yes             |
| 255    | Chemical balance   |                          |      |                   |           |      |            |          | Yes                  |               | Yes          |                 |
| 256    | Micro Pipette  | Fixed                    |      |                   |           |      |            |          | Yes                  |               | Yes          | Yes             |



**Essential Equipment List (EEL) For Sub Divisional Hospital**  
**As recommended by Technical Core Committee for EEL**

| SL. NO | Name of the Equipment/ Instrument                | Basic Specification                              | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | Orthopaedics | ENT |
|--------|--|--|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|
| 1      | ICU Bed  | Electric Operated                                |          |         |                            |             |     |        |     |              |     |
| 2      | Resuscitation Bed                                | Manual   |          |         |                            |             |     |        |     |              |     |
| 3      | OT Table   | Electric Operated with all accessories           |          | Yes     | Yes                        |             |     |        |     |              |     |
| 4      | Ophthalmic OT Table                              |  |          |         |                            |             |     |        | Yes |              |     |
| 5      | LDR Bed  |  |          |         | Yes                        |             |     |        |     |              |     |
| 6      | LED OT Light                                     | Double Dome                                      |          | Yes     | Yes                        |             |     |        |     |              |     |
| 7      | USG Machine                                      | Convex Probe, TVS Probe                          |          |         | Yes                        |             |     |        |     |              |     |
| 8      | USG Machine with Color Doppler and Echo facility | Convex Probe, TVS Probe, Linear Probe, Eco Probe |          |         |                            |             |     |        |     |              |     |
| 9      | Portable ultrasound                              |  |          |         |                            |             |     |        |     |              |     |
| 10     | Mechanical ventilator                            |  |          |         |                            |             |     |        |     |              |     |
| 11     | Transport Ventilator                             |  |          |         |                            |             |     |        |     |              |     |
| 12     | Transport Monitor                                |  |          |         |                            |             |     |        |     |              |     |
| 13     | Cardiac Monitors                                 | ECG, SPO2, NIBP, Temp & Respiration              |          |         |                            |             |     |        |     |              |     |
| 14     | ECG Machine                                      | 12 Channel                                       | Yes      |         |                            |             |     |        |     |              |     |
| 15     | Cardiotocography (CTG) Machine                   |  |          |         | Yes                        |             |     |        |     |              |     |
| 16     | Defibrillator with TCP & AED                     |  |          |         |                            |             |     |        |     |              |     |
| 17     | Anaesthesia workstation                          |  |          |         | Yes                        |             |     |        |     |              |     |
| 18     | Pulse Oximeter                                   | Adult & Paediatric Probe                         | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 19     | Phototherapy                                     | LED Single Surface                               |          |         | Yes                        |             |     |        |     |              |     |



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| SL. NO | Name of the Equipment/<br>Instrument  | Basic Specification | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | Orthopaedics | ENT |
|--------|---|---------------------|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|
| 101    | Nebulizer   |                     | Yes      | Yes     | Yes                        | Yes         |     |        |     |              |     |
| 102    | Laryngoscope Adult  | LED                 | Yes      | Yes     |                            |             |     |        |     |              |     |
| 103    | Laryngoscope Paediatric   | LED                 | Yes      | Yes     | Yes                        | Yes         |     |        |     |              |     |
| 104    | LED light cure unit   |                     |          |         |                            |             |     | Yes    |     |              |     |
| 105    | Surgical Diathermy Bipolar  |                     |          |         |                            |             |     |        |     |              |     |
| 106    | Horizontal Autoclave with UV light  |                     |          |         |                            |             |     | Yes    |     |              |     |
| 107    | Vertical Autoclave  | 60 ltrs             |          | Yes     |                            |             |     |        |     |              |     |
| 108    | Portable Autoclave  |                     |          | Yes     | Yes                        |             |     |        |     |              |     |
| 109    | Flash Autoclave   | 20 litres           |          | Yes     |                            |             |     |        |     |              |     |
| 110    | Bowl Sterilizers - Different Sizes  |                     |          | Yes     | Yes                        | Yes         | Yes | Yes    |     |              |     |
| 111    | Surgical Drum Inch  |                     |          |         |                            |             |     |        |     |              |     |
| 112    | Washer Disinfectant- 30- 45 Litres  |                     |          |         |                            |             |     |        |     |              |     |
| 113    | Water Bath (Electric)   |                     |          |         |                            |             |     |        |     |              |     |
| 114    | Glucometer  |                     | Yes      | Yes     | Yes                        | Yes         | Yes |        | Yes |              | Yes |
| 115    | Haemoglobinometer Digital   |                     | Yes      | Yes     | Yes                        | Yes         | Yes |        | Yes |              | Yes |
| 116    | Weighing Scale Digital- Adult   |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 117    | Weighing Scale Digital- Paediatric  |                     | Yes      |         | Yes                        | Yes         |     |        |     |              |     |
| 118    | Oxygen Hood   |                     |          |         | Yes                        |             |     |        |     |              |     |
| 119    | Flow Meter  |                     |          |         | Yes                        |             |     |        |     |              |     |
| 120    | Tourniquet- Adult   |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          |     |
| 121    | Tourniquet- Child   |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          |     |
| 122    | Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>                    |                     |          | Yes     |                            |             |     |        |     |              |     |
| 123    | Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b> |                     |          |         | Yes                        |             |     |        |     |              |     |

| SL. NO | Name of the Equipment/<br>Instrument  | Basic Specification | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | Orthopaedics | ENT |
|--------|---|---------------------|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|
| 124    | <b>Tracheostomy Set</b><br>(i) Tracheal hook (blunt & sharp)<br>(ii) Tracheal dilator<br>(iii) Fuller's Tracheostomy tube<br>(iv) Jackson's Tracheostomy tube<br>(v) Cuffed Tracheostomy tube<br>(vi) Right angled retractor<br>(vii) Mosquito Artery forcep<br>(viii) Allis forcep<br>(ix) BP Handle with blade<br>(x) Tooth & plain dissecting forcep |                     |          |         |                            |             |     |        |     |              |     |
| 125    | <b>Normal delivery kit</b><br>(i) Cord cutting scissor<br>(ii) Artery forceps (medium size)<br>(iii) Sponge holding forceps (medium)<br>(iv) Bivalve cuscus speculum (medium size)<br>(v) Kidney tray<br>(vi) Small bowl for antiseptic lotion  |                     |          |         | Yes                        |             |     |        |     |              |     |
| 126    | <b>Episiotomy kit</b><br>(i) Episiotomy scissor<br>(ii) Artery forceps (medium size)<br>(iii) Allis forceps<br>(iv) Sponge holding forceps (medium)<br>(v) Toothed forceps<br>(vi) Thumb forceps<br>(vii) Kidney tray<br>(viii) Needle holder<br>(ix) Needle (Round Body and Cutting)   |                     |          |         | Yes                        |             |     |        |     |              |     |
| 127    | Craniotomy kit  |                     |          |         | Yes                        |             |     |        |     |              |     |
| 128    | BP handle No. 4   |                     |          | Yes     |                            |             |     |        |     |              |     |
| 129    | Artery Forceps- Straight  |                     |          | Yes     |                            |             |     |        |     |              |     |

| SL. NO | Name of the Equipment/<br>Instrument      | Basic Specification | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | Orthopaedics | ENT |
|--------|---|---------------------|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|
| 130    | Artery Forceps- Curved                    |                     |          | Yes     |                            |             |     |        |     |              |     |
| 131    | Mosquito forceps- Straight                |                     |          | Yes     |                            |             |     |        |     |              |     |
| 132    | Mosquito forceps- Curved                  |                     |          | Yes     |                            |             |     |        |     |              |     |
| 133    | Plain dissecting forceps                  |                     |          | Yes     |                            |             |     |        |     |              |     |
| 134    | Tooth dissecting forceps                  |                     |          | Yes     |                            |             |     |        |     |              |     |
| 135    | Right angle detector                      |                     |          | Yes     |                            |             |     |        |     |              |     |
| 136    | Needle holder- Large                      |                     |          | Yes     |                            |             |     |        |     |              |     |
| 137    | Needle holder- Small                      |                     |          | Yes     |                            |             |     |        |     |              |     |
| 138    | BP blade                                  |                     |          | Yes     |                            |             |     |        |     |              |     |
| 139    | Dissecting scissor 8"                     |                     |          | Yes     |                            |             |     |        |     |              |     |
| 140    | Allis tissue forceps                      |                     |          | Yes     |                            |             |     |        |     |              |     |
| 141    | Mayo's scissors                           |                     |          | Yes     |                            |             |     |        |     |              |     |
| 142    | Dissecting scissors 8" curved             |                     |          | Yes     |                            |             |     |        |     |              |     |
| 143    | Ttitch cutting scissors                   |                     |          | Yes     |                            |             |     |        |     |              |     |
| 144    | Gauge cutting/bandage cutting scissors 12 |                     |          | Yes     |                            |             |     |        |     |              |     |
| 145    | Kidney tray- Small                        |                     |          | Yes     |                            |             |     |        |     |              |     |
| 146    | Kidney tray- Big                          |                     |          | Yes     |                            |             |     |        |     |              |     |
| 147    | Sponge holing forceps- Straight           |                     |          | Yes     |                            |             |     |        |     |              |     |
| 148    | Kocher's artery forceps- Curved           |                     |          | Yes     |                            |             |     |        |     |              |     |
| 149    | Cat's paw retractor                       |                     |          | Yes     |                            |             |     |        |     |              |     |
| 150    | Electric Needle Destroyer                 |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 151    | Hub Cutter/Needle Cutter                  |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 152    | Ear speculum                              |                     |          |         |                            |             |     |        |     |              | Yes |
| 153    | Nasal speculum- Adult                     |                     |          |         |                            |             |     |        |     |              | Yes |
| 154    | Nasal speculum- Child                     |                     |          |         |                            |             |     |        |     |              | Yes |
| 155    | Female metallic catheter                  |                     |          |         |                            |             |     |        |     |              | Yes |
| 156    | Tongue depressor                          |                     |          |         |                            |             |     |        |     |              | Yes |
| 157    | Catheter introducer                       |                     |          |         |                            |             |     |        |     |              | Yes |
| 158    | Vaginal speculum- Large                   |                     |          |         | Yes                        |             |     |        |     |              |     |
| 159    | Vaginal speculum- Small                   |                     |          |         | Yes                        |             |     |        |     |              |     |
| 160    | Vaginal speculums-Cusco                   |                     |          | Yes     | Yes                        |             |     |        |     |              |     |
| 161    | Removal of Stitches Tray                  |                     |          | Yes     | Yes                        |             |     |        |     |              |     |

| SL. NO | Name of the Equipment/<br>Instrument                   | Basic Specification | Medicine | Surgery | Obstetrics and Gynaecology | Paediatrics | NCD | Dental | Eye | Orthopaedics | ENT |
|--------|--|---------------------|----------|---------|----------------------------|-------------|-----|--------|-----|--------------|-----|
| 162    | Tuning Fork (156)                                      |                     | Yes      |         |                            |             |     |        |     |              |     |
| 163    | Tuning fork (512 Hz)                                   |                     | Yes      |         |                            |             |     |        |     |              |     |
| 164    | Percussion Hammer                                      |                     | Yes      |         |                            |             |     |        |     |              |     |
| 165    | Wooden Tongue Depressor                                |                     | Yes      |         |                            |             |     |        |     |              |     |
| 166    | Foot stool   |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 167    | Gynaecological Examination tray                        |                     |          | Yes     | Yes                        |             |     |        |     |              |     |
| 168    | Spatula tray   |                     |          | Yes     | Yes                        |             |     |        |     |              |     |
| 169    | Mouth Mirror   |                     |          |         |                            |             |     | Yes    |     |              | Yes |
| 170    | Examination Instruments in dentistry                   |                     |          |         |                            |             |     | Yes    |     |              |     |
| 171    | Slit lamp refraction units                             |                     |          |         |                            |             |     |        | Yes |              |     |
| 172    | Punctum Dilator  |                     |          |         |                            |             |     |        | Yes |              |     |
| 173    | PEEP valve   |                     |          |         |                            |             |     |        |     |              |     |
| 174    | Nasal Speculum   |                     |          |         |                            |             |     |        |     |              | Yes |
| 175    | Laryngeal mirror                                       |                     |          |         |                            |             |     |        |     |              | Yes |
| 176    | Nasopharyngeal mirrors Aural speculum Siegles speculum |                     |          |         |                            |             |     |        |     |              | Yes |
| 177    | Fixed height with stump feet in operation theatre      |                     |          |         |                            |             |     |        |     |              |     |
| 178    | Bayonet forces   |                     |          |         |                            |             |     |        |     |              | Yes |
| 179    | Magill's forceps                                       |                     |          |         | Yes                        |             |     |        |     |              |     |
| 180    | Reflex hammer  |                     | Yes      |         |                            | Yes         |     |        |     | Yes          |     |
| 181    | Jobson Horne Probe                                     |                     |          |         |                            |             |     |        |     |              | Yes |
| 182    | Punch Biopsy Gun                                       |                     | Yes      |         |                            |             |     |        |     |              |     |
| 183    | IV Stand   |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 184    | Stretcher  |                     | Yes      | Yes     | Yes                        | Yes         | Yes | Yes    | Yes | Yes          | Yes |
| 185    | Wheelchair   |                     | Yes      | Yes     | Yes                        |             |     |        |     |              |     |
| 186    | Medicine Trolley                                       | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |
| 187    | Crash Cart   | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |
| 188    | Mayo Stand   | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |
| 189    | Surgical Trolley                                       | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |
| 190    | Equipment Trolley                                      | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |
| 191    | Instrument trolley                                     | SS                  | Yes      | Yes     | Yes                        | Yes         |     |        | Yes | Yes          | Yes |

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**Essential Equipment List (EEL) For Sub Divisional Hospital**  
**As recommended by Technical Core Committee for EEL**

| SL. NO | Name of the Equipment/ Instrument                | Basic Specification                              | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|--|--|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 1      | ICU Bed  | Electric Operated                                |     | Yes       | Yes |           |                   |           |      |                      |               |                      |
| 2      | Resuscitation Bed                                | Manual   |     | Yes       | Yes |           |                   |           |      |                      |               |                      |
| 3      | OT Table   | Electric Operated with all accessories           |     |           |     |           | Yes               |           |      |                      |               |                      |
| 4      | Ophthalmic OT Table                              |  |     |           |     |           |                   |           |      |                      |               |                      |
| 5      | LDR Bed  |  |     |           |     |           |                   |           |      |                      |               |                      |
| 6      | LED OT Light                                     | Double Dome                                      |     |           |     |           | Yes               |           |      |                      |               |                      |
| 7      | USG Machine                                      | Convex Probe, TVS Probe                          |     |           |     |           |                   |           |      |                      |               |                      |
| 8      | USG Machine with Color Doppler and Echo facility | Convex Probe, TVS Probe, Linear Probe, Eco Probe |     |           |     |           |                   | Yes       |      |                      |               |                      |
| 9      | Portable ultrasound                              |  |     |           |     |           |                   | Yes       |      |                      |               |                      |
| 10     | Mechanical ventilator                            |  |     |           | Yes |           |                   |           |      |                      |               |                      |
| 11     | Transport Ventilator                             |  |     |           | Yes |           |                   |           |      |                      |               |                      |
| 12     | Transport Monitor                                |  |     |           | Yes |           |                   |           |      |                      |               |                      |
| 13     | Cardiac Monitors                                 | ECG, SPO2, NIBP, Temp & Respiration              |     |           | Yes |           | Yes               |           |      |                      |               |                      |
| 14     | ECG Machine                                      | 12 Channel                                       |     | Yes       | Yes |           |                   |           | Yes  | Yes                  |               |                      |
| 15     | Cardiotocography (CTG) Machine                   |  |     |           |     |           |                   |           |      |                      |               |                      |
| 16     | Defibrillator with TCP & AED                     |  |     | Yes       | Yes |           | Yes               |           |      |                      |               |                      |
| 17     | Anaesthesia workstation                          |  |     |           |     |           | Yes               |           |      |                      |               |                      |
| 18     | Pulse Oximeter                                   | Adult & Paediatric Probe                         | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 19     | Phototherapy                                     | LED Single Surface                               | Yes |           |     | Yes       |                   |           |      |                      |               |                      |
| 20     | Computed Radiography (CR) System                 |  |     |           |     |           |                   | Yes       |      |                      |               |                      |

| SL. NO | Name of the Equipment/<br>Instrument                                | Basic Specification | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|---|---------------------|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 21     | X Ray 300 mA  |                     |     |           |     |           |                   | Yes       |      |                      |               |                      |
| 22     | X Ray 100 mA (Mobile)   |                     |     |           |     |           |                   | Yes       |      |                      |               |                      |
| 23     | X-ray machine Dental  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 24     | Bubble CPAP with Compressor   |                     |     |           |     | Yes       |                   |           |      |                      |               |                      |
| 25     | BiPAP/CPAP Mask   |                     |     |           | Yes | Yes       |                   |           | Yes  |                      |               |                      |
| 26     | BiPap Machine   |                     |     |           | Yes | Yes       |                   |           |      |                      |               |                      |
| 27     | Oxygen Concentrator   | 5 ltrs              |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 28     | Oxygen Concentrator   | 10 ltrs             |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 29     | Electric cautery  | 400W                |     |           |     |           | Yes               |           |      |                      |               |                      |
| 30     | Transcutaneous Bilirubinometer                                      |                     |     |           |     | Yes       |                   |           |      |                      |               |                      |
| 31     | Irradiance Meter  |                     |     |           |     | Yes       |                   |           |      |                      |               |                      |
| 32     | Vein Finder   |                     |     | Yes       |     | Yes       | Yes               |           | Yes  |                      |               |                      |
| 33     | LED spot lights   | Mobile              |     | Yes       |     |           | Yes               |           |      |                      |               |                      |
| 34     | ABG   | Reagent/Cartridge   |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 35     | Negative Ionizer/Air purifier                                       |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 36     | Erythrocyte Sedimentation Rate (ESR) Analyzer (Manual with reading) |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 37     | Automated coagulation analyzer                                      |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 38     | Electrophoresis machine/HPLC machine                                |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 39     | Hematology analyzer   | 3 part              |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 40     | Biochemistry Analyzer   | Semi Auto           |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 41     | Turbidometer  |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 42     | Electrolyte Analyzer (Indirect ion selective electrode)             |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 43     | Polymerase Chain Reaction (PCR) Analyser                            |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 44     | Nucleic Acid Amplification Test (NAAT)                              |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 45     | ELISA   |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 46     | ELISA/RAPID   |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 47     | Flame Photometry  |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 48     | Flow cytometer  |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 49     | Binocular Microscope  |                     |     |           |     |           |                   |           |      | Yes                  |               | Yes                  |

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| SL. NO | Name of the Equipment/ Instrument   | Basic Specification | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|---|---------------------|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 105    | Surgical Diathermy Bipolar  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 106    | Horizontal Autoclave with UV light  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 107    | Vertical Autoclave  | 60 ltrs             |     |           |     | Yes       | Yes               |           |      |                      |               |                      |
| 108    | Portable Autoclave  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 109    | Flash Autoclave   | 20 litres           |     |           |     | Yes       | Yes               |           | Yes  |                      |               |                      |
| 110    | Bowl Sterilizers - Different Sizes  |                     |     | Yes       | Yes |           | Yes               |           | Yes  |                      |               |                      |
| 111    | Surgical Drum Inch  |                     |     |           | Yes |           | Yes               |           | Yes  |                      |               |                      |
| 112    | Washer Disinfectant- 30- 45 Litres  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 113    | Water Bath (Electric)   |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 114    | Glucometer  |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  | Yes                  |               |                      |
| 115    | Haemoglobinometer Digital   |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  | Yes                  |               |                      |
| 116    | Weighing Scale Digital- Adult   |                     | Yes | Yes       | Yes | Yes       | Yes               |           |      |                      | Yes           |                      |
| 117    | Weighing Scale Digital- Paediatric  |                     | Yes | Yes       | Yes |           | Yes               |           |      |                      |               |                      |
| 118    | Oxygen Hood   |                     | Yes | Yes       | Yes | Yes       | Yes               |           |      |                      |               |                      |
| 119    | Flow Meter  |                     |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 120    | Tourniquet- Adult   |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  | Yes                  | Yes           | Yes                  |
| 121    | Tourniquet- Child   |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  | Yes                  | Yes           | Yes                  |
| 122    | Surgical instruments and sets as required for each surgery/procedure for <b>General OT</b>                    |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 123    | Surgical instruments and sets as required for each surgery/procedure for <b>Obstetrics and Gynaecology OT</b> |                     |     |           |     |           | Yes               |           |      |                      |               |                      |

| SL. NO | Name of the Equipment/ Instrument   | Basic Specification | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|---|---------------------|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 124    | <b>Tracheostomy Set</b><br>(i) Tracheal hook (blunt & sharp)<br>(ii) Tracheal dilator<br>(iii) Fuller's Tracheostomy tube<br>(iv) Jackson's Tracheostomy tube<br>(v) Cuffed Tracheostomy tube<br>(vi) Right angled retractor<br>(vii) Mosquito Artery forcep<br>(viii) Allis forcep<br>(ix) BP Handle with blade<br>(x) Tooth & plain dissecting forcep |                     |     | Yes       |     |           | Yes               |           |      |                      |               |                      |
| 125    | <b>Normal delivery kit</b><br>(i) Cord cutting scissor<br>(ii) Artery forceps (medium size)<br>(iii) Sponge holding forceps (medium)<br>(iv) Bivalve cuscus speculum (medium size)<br>(v) Kidney tray<br>(vi) Small bowl for antiseptic lotion  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 126    | <b>Episiotomy kit</b><br>(i) Episiotomy scissor<br>(ii) Artery forceps (medium size)<br>(iii) Allis forceps<br>(iv) Sponge holding forceps (medium)<br>(v) Toothed forceps<br>(vi) Thumb forceps<br>(vii) Kidney tray<br>(viii) Needle holder<br>(ix) Needle (Round Body and Cutting)   |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 127    | Craniotomy kit  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 128    | BP handle No. 4   |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 129    | Artery Forceps- Straight  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 130    | Artery Forceps- Curved  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 131    | Mosquito forceps- Straight  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 132    | Mosquito forceps- Curved  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 133    | Plain dissecting forceps  |                     |     |           |     |           | Yes               |           |      |                      |               |                      |

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| SL. NO | Name of the Equipment/ Instrument                             | Basic Specification | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|---|---------------------|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 166    | Foot stool  |                     | Yes | Yes       | Yes | Yes       |                   |           | Yes  |                      |               |                      |
| 167    | Gynaecological Examination tray                               |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 168    | Spatula tray  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 169    | Mouth Mirror  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 170    | Examination Instruments in dentistry                          |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 171    | Slit lamp refraction units                                    |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 172    | Punctum Dilator   |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 173    | PEEP valve  |                     |     |           | Yes |           |                   |           |      |                      |               |                      |
| 174    | Nasal Speculum  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 175    | Laryngeal mirror  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 176    | Nasopharyngeal mirrors Aural speculum Siegles speculum        |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 177    | Fixed height with stump feet in operation theatre             |                     |     | Yes       |     |           | Yes               |           |      |                      |               |                      |
| 178    | Bayonet forces  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 179    | Magill's forceps  |                     |     | Yes       | Yes | Yes       | Yes               |           |      |                      |               |                      |
| 180    | Reflex hammer   |                     | Yes |           |     |           |                   |           |      |                      |               |                      |
| 181    | Jobson Horne Probe  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 182    | Punch Biopsy Gun  |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 183    | IV Stand  |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 184    | Stretcher   |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 185    | Wheelchair  |                     |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 186    | Medicine Trolley  | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 187    | Crash Cart  | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 188    | Mayo Stand  | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 189    | Surgical Trolley  | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 190    | Equipment Trolley   | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 191    | Instrument trolley  | SS                  | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 192    | Patient Trolley   |                     | Yes | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 193    | Anaesthesia Trolley (Complete with Ambu bags and other items) |                     |     |           |     |           | Yes               |           |      |                      |               |                      |
| 194    | Cylinder Trolley  |                     |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |

[illegible]

| SL. NO | Name of the Equipment/ Instrument                              | Basic Specification | NRC | Emergency | HDU | SNCU+MNCU | Operation Theatre | Radiology | Ward | Diagnostic/Pathology | Physiotherapy | Blood Storage Centre |
|--------|--|---------------------|-----|-----------|-----|-----------|-------------------|-----------|------|----------------------|---------------|----------------------|
| 220    | Domestic Refrigerator 210 litres with Stabilizer               |                     | Yes | Yes       | Yes | Yes       | Yes               |           |      | Yes                  |               | Yes                  |
| 221    | Blood Bank Refrigerator  |                     |     |           |     |           |                   |           |      |                      |               | Yes                  |
| 222    | Deep Freezer -20°C   |                     |     |           |     |           |                   |           |      |                      |               |                      |
| 223    | Ice Lined Refrigerator (ILR)                                   |                     |     |           |     |           |                   |           |      | Yes                  |               |                      |
| 224    | Air Conditioner  |                     | Yes | Yes       | Yes | Yes       |                   | Yes       | Yes  | Yes                  | Yes           | Yes                  |
| 225    | Central pipelines for supply of Oxygen (3 outlets on each bed) |                     |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 226    | Central Suction  |                     |     | Yes       | Yes | Yes       | Yes               |           | Yes  |                      |               |                      |
| 227    | Central Medical Air  |                     |     | Yes       | Yes | Yes       | Yes               |           |      |                      |               |                      |

**Essential Equipment List (EEL) For Primary Health Centre (PHC)**

| Sl. No | Name of the Equipment/<br>Instrument             | Basic<br>Specification | 24x7 Emergency Services with<br>Triage, Resuscitation<br>& Stabilization | LDR | OPD Services (ANC,<br>NCD screening, Diagnosis,<br>Follow-up & Referral) | Indoor Patient Services | Minor Surgical Procedures |
|--------|--|------------------------|--|-----|--|-------------------------|---------------------------|
| 1      | OT Table Minor                                   | Hydraulic              |  |     |  |                         |                           |
| 2      | Labour Table                                     |                        |  | Yes |  |                         |                           |
| 3      | Examination Table with Footstep                  |                        |  |     | Yes  |                         |                           |
| 4      | LED OT Light                                     | Double Dome            |  |     |  |                         |                           |
| 5      | LED Spot Lights                                  | Mobile                 |  | Yes |  |                         |                           |
| 6      | Examination Light                                | LED                    | Yes  | Yes | Yes  |                         |                           |
| 7      | Oxygen Cylinder (B/D Type)                       |                        | Yes  | Yes |  | Yes                     | Yes                       |
| 8      | Trolley for Oxygen Cylinder                      |                        | Yes  | Yes |  | Yes                     | Yes                       |
| 9      | Oxygen Flow Meter with<br>Humidifier Bottle      |                        | Yes  | Yes |  | Yes                     | Yes                       |
| 10     | Oxygen Concentrator                              | 5 ltrs                 | Yes  | Yes |  | Yes                     | Yes                       |
| 11     | Oxygen Concentrator                              | 10 ltrs                | Yes  | Yes |  | Yes                     | Yes                       |
| 12     | Suction Machine                                  | Electrical             | Yes  | Yes |  | Yes                     | Yes                       |
| 13     | Suction Machine                                  | Foot Operated          | Yes  | Yes |  | Yes                     | Yes                       |
| 14     | Portable Autoclave                               |                        | Yes  | Yes |  |                         | Yes                       |
| 15     | X-ray Machine                                    |                        |  |     |  |                         |                           |
| 16     | ECG Machine                                      | 12 Channel             | Yes  | Yes |  | Yes                     |                           |
| 17     | Multipara Monitor                                |                        | Yes  | Yes |  | Yes                     |                           |
| 18     | Haemoglobinometer Digital                        |                        |  |     | Yes  |                         |                           |
| 19     | Hematology Analyzer                              | 3 part                 |  |     |  |                         |                           |
| 20     | Semi Automated Biochemistry<br>Analyzer          |                        |  |     |  |                         |                           |
| 21     | Blood Group Kit (Manual)                         |                        |  |     |  |                         |                           |
| 22     | Multiparameter Urine Strip                       |                        |  |     |  |                         |                           |
| 23     | Turbidometer/Nephelometer                        |                        |  |     |  |                         |                           |
| 24     | Glucometer Digital                               |                        | Yes  | Yes | Yes  |                         |                           |
| 25     | Erythrocyte Sedimentation Rate<br>(ESR) Analyzer |                        |  |     |  |                         |                           |

| Sl. No | Name of the Equipment/<br>Instrument                       | Basic<br>Specification         | 24x7 Emergency Services with<br>Triage, Resuscitation<br>& Stabilization | LDR | OPD Services (ANC,<br>NCD screening, Diagnosis,<br>Follow-up & Referral) | Indoor Patient Services | Minor Surgical Procedures |
|--------|--|--------------------------------|--|-----|--|-------------------------|---------------------------|
| 26     | Electrolyte Analyzer<br>(Indirect ion selective electrode) |                                |  |     |  |                         |                           |
| 27     | Diathermy Machine  |                                |  |     |  |                         |                           |
| 28     | Ambu Bags- Adult   |                                | Yes  | Yes |  |                         |                           |
| 29     | Ambu Bags- Paediatrics                                     |                                | Yes  | Yes |  |                         |                           |
| 30     | Surgical Blade   |                                | Yes  |     |  |                         |                           |
| 31     | Radiant Warmer   |                                | Yes  | Yes |  |                         |                           |
| 32     | Pulse Oximeter   | Adult &<br>Paediatric<br>Probe | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 33     | Fetal Dopler   |                                |  | Yes |  |                         |                           |
| 34     | Kelly Pads & Blankets                                      |                                |  | Yes |  |                         |                           |
| 35     | Phototherapy Unit  |                                |  | Yes |  |                         |                           |
| 36     | Delivery Trolley   | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 37     | Medicine Trolley   | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 38     | Surgical Trolley   | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 39     | Equipment Trolley  | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 40     | Instrument Trolley   | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 41     | Patient Trolley  | SS                             | Yes  | Yes |  | Yes                     | Yes                       |
| 42     | Bed Side Locker  | SS                             |  | Yes |  | Yes                     |                           |
| 43     | Delivery Tray  |                                |  | Yes |  |                         |                           |
| 44     | Episiotomy Tray  |                                |  | Yes |  |                         |                           |
| 45     | Medicine Tray  |                                |  | Yes |  |                         |                           |
| 46     | Emergency Drug Tray  |                                | Yes  | Yes |  |                         |                           |
| 47     | Baby Tray  |                                |  | Yes |  |                         |                           |
| 48     | MVA Tray   |                                |  | Yes |  |                         |                           |
| 49     | PPIUCD Tray  |                                |  | Yes |  |                         |                           |
| 50     | Sponge Holding Forceps                                     |                                |  | Yes |  |                         |                           |
| 51     | Vulsellum Uterine Forceps                                  |                                |  | Yes |  |                         |                           |

| Sl. No | Name of the Equipment/<br>Instrument   | Basic<br>Specification | 24x7 Emergency Services with<br>Triage, Resuscitation<br>& Stabilization | LDR | OPD Services (ANC,<br>NCD screening, Diagnosis,<br>Follow-up & Referral) | Indoor Patient Services | Minor Surgical Procedures |
|--------|--|------------------------|--|-----|--|-------------------------|---------------------------|
| 52     | Normal Delivery Kit<br>(i) Cord cutting scissor<br>(ii) Artery forceps (medium size)<br>(iii) Sponge holding forceps<br>(medium)<br>(iv) Bivalve cuscus speculum<br>(medium size)<br>(v) Kidney tray<br>(vi) Small bowl for antiseptic<br>lotion |                        |  | Yes |  |                         |                           |
| 53     | Equipment for Assisted Forceps<br>Delivery   |                        |  | Yes |  |                         |                           |
| 54     | Standard Surgical Set<br>(For Minor procedures like<br>Episiotomies Stitching)   |                        |  | Yes |  |                         |                           |
| 55     | Equipment for Manual Vacuum<br>Aspiration  |                        |  | Yes |  |                         |                           |
| 56     | IUCD Insertion Kit   |                        |  | Yes |  |                         |                           |
| 57     | Sphygmomanometer   | Aneroid                | Yes  |     | Yes  | Yes                     | Yes                       |
| 58     | Weighing Scale- Adult  | Digital                | Yes  | Yes | Yes  | Yes                     |                           |
| 59     | Weighing Scale- Paediatric   | Digital                | Yes  | Yes | Yes  | Yes                     |                           |
| 60     | Infantometer   |                        |  | Yes | Yes  |                         |                           |
| 61     | Stadiometer  |                        | Yes  | Yes | Yes  |                         |                           |
| 62     | Stethoscope  |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 63     | Thermometer Digital  |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 64     | Electric Needle Destroyer  |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 65     | Hub Cutter/Needle Cutter   |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 66     | Cusco's Speculum   |                        |  |     | Yes  |                         |                           |
| 67     | Dental Mouth Mirrors   |                        |  |     | Yes  |                         |                           |
| 68     | Hospital Bed/Fowler bed  | With Mattress          | Yes  |     |  | Yes                     |                           |
| 69     | Puncture Proof Box   |                        | Yes  |     |  | Yes                     |                           |
| 70     | Self-inflating Bag and Mask<br>Neonatal Size (0 & 1)   |                        |  |     |  |                         | Yes                       |
| 71     | Oxygen Hood  |                        |  |     |  |                         | Yes                       |
| 72     | Laryngoscope Adult   | LED                    |  |     |  |                         | Yes                       |

| Sl. No | Name of the Equipment/<br>Instrument                      | Basic<br>Specification | 24x7 Emergency Services with<br>Triage, Resuscitation<br>& Stabilization | LDR | OPD Services (ANC,<br>NCD screening, Diagnosis,<br>Follow-up & Referral) | Indoor Patient Services | Minor Surgical Procedures |
|--------|---|------------------------|--|-----|--|-------------------------|---------------------------|
| 73     | Laryngoscope Paediatric                                   | LED                    |  |     |  |                         | Yes                       |
| 74     | Mucus Extractor with Suction<br>Tube                      |                        |  |     |  |                         | Yes                       |
| 75     | Resuscitator, hand-operated,<br>neonate and child, 500 ml |                        |  |     |  |                         |                           |
| 76     | Dressing Drum all Sizes                                   |                        | Yes  | Yes |  |                         |                           |
| 77     | Sterilizer  |                        | Yes  | Yes |  |                         |                           |
| 78     | Ice Lined Refrigerator (ILR) with<br>Voltage Stabilizer   |                        |  |     |  |                         |                           |
| 79     | Deep Freezer (DF) -20°C with<br>Voltage Stabilizer        |                        |  |     |  |                         |                           |
| 80     | Freeze Tag  |                        |  |     |  |                         |                           |
| 81     | Alcohol Stem Thermometer                                  |                        |  |     |  |                         |                           |
| 82     | Vaccine Carries with Ice Packs                            |                        |  |     |  |                         |                           |
| 83     | Cold Box  |                        |  |     |  |                         |                           |
| 84     | Waste Disposable Twin Buckets                             |                        |  |     |  |                         |                           |
| 85     | Shoulder Wheel  |                        |  |     |  |                         |                           |
| 86     | Wall Ladder Finger Exerciser                              |                        |  |     |  |                         |                           |
| 87     | Finger Exerciser Web                                      |                        |  |     |  |                         |                           |
| 88     | Shoulder Pulley   |                        |  |     |  |                         |                           |
| 89     | Adjustable Walker   |                        |  |     |  |                         |                           |
| 90     | Reciprocal Walker   |                        |  |     |  |                         |                           |
| 91     | Exercise Couch  |                        |  |     |  |                         |                           |
| 92     | Wheelchair  | SS                     | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 93     | Stretcher   | SS                     | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 94     | IV Stand  | SS                     | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 95     | Spiro Meter   |                        |  |     |  |                         |                           |

| Sl. No | Name of the Equipment/<br>Instrument               | Basic<br>Specification | 24x7 Emergency Services with<br>Triage, Resuscitation<br>& Stabilization | LDR | OPD Services (ANC,<br>NCD screening, Diagnosis,<br>Follow-up & Referral) | Indoor Patient Services | Minor Surgical Procedures |
|--------|--|------------------------|--|-----|--|-------------------------|---------------------------|
| 96     | Lower & Upper Extremity Cycle/<br>Basic Ergo Meter |                        |  |     |  |                         |                           |
| 97     | Footstep   |                        |  | Yes |  |                         |                           |
| 98     | Chair for Doctor                                   |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 99     | Chair for Nurses                                   |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 100    | Table for Doctor                                   |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 101    | Table for Nurses                                   |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 102    | Screen Separators with stand                       |                        |  | Yes | Yes  |                         |                           |
| 103    | Steel Almirah                                      |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 104    | Chairs for Patients                                |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 105    | Chairs for Attendants                              |                        | Yes  | Yes | Yes  | Yes                     | Yes                       |
| 106    | Stand with wheel for single basin                  |                        |  |     |  |                         |                           |
| 107    | X-ray View Box                                     |                        | Yes  |     | Yes  | Yes                     | Yes                       |



**Essential Equipment List (EEL) For Primary Health Centre (PHC)**

| Sl. No | Name of the Equipment/<br>Instrument                       | Basic<br>Specification | Newborn Stabilization Units<br>(NBSUs) | Operation Theater | Immunization Services | Rehabilitation Services | Diagnostic/Pathology |
|--------|--|------------------------|--|-------------------|-----------------------|-------------------------|----------------------|
| 1      | OT Table Minor   | Hydraulic              |  | Yes               |                       |                         |                      |
| 2      | Labour Table   |                        |  |                   |                       |                         |                      |
| 3      | Examination Table with Footstep                            |                        |  |                   |                       |                         |                      |
| 4      | LED OT Light   | Double Dome            |  | Yes               |                       |                         |                      |
| 5      | LED Spot Lights  | Mobile                 |  |                   |                       |                         |                      |
| 6      | Examination Light  | LED                    | Yes                                    |                   |                       |                         |                      |
| 7      | Oxygen Cylinder (B/D Type)                                 |                        |  |                   |                       |                         |                      |
| 8      | Trolley for Oxygen Cylinder                                |                        |  |                   |                       |                         |                      |
| 9      | Oxygen Flow Meter with<br>Humidifier Bottle                |                        |  |                   |                       |                         |                      |
| 10     | Oxygen Concentrator  | 5 ltrs                 |  |                   |                       |                         |                      |
| 11     | Oxygen Concentrator  | 10 ltrs                |  |                   |                       |                         |                      |
| 12     | Suction Machine  | Electrical             |  |                   |                       |                         |                      |
| 13     | Suction Machine  | Foot Operated          | Yes                                    |                   |                       |                         |                      |
| 14     | Portable Autoclave   |                        |  |                   |                       |                         |                      |
| 15     | X-ray Machine  |                        |  |                   |                       |                         | Yes                  |
| 16     | ECG Machine  | 12 Channel             |  | Yes               |                       |                         |                      |
| 17     | Multipara Monitor  |                        | Yes                                    | Yes               |                       |                         |                      |
| 18     | Haemoglobinometer Digital                                  |                        |  |                   |                       |                         | Yes                  |
| 19     | Hematology Analyzer  | 3 part                 |  |                   |                       |                         | Yes                  |
| 20     | Semi Automated Biochemistry<br>Analyzer                    |                        |  |                   |                       |                         | Yes                  |
| 21     | Blood Group Kit (Manual)                                   |                        |  |                   |                       |                         | Yes                  |
| 22     | Multiparameter Urine Strip                                 |                        |  |                   |                       |                         | Yes                  |
| 23     | Turbidometer/Nephelometer                                  |                        |  |                   |                       |                         | Yes                  |
| 24     | Glucometer Digital   |                        |  |                   |                       |                         | Yes                  |
| 25     | Erythrocyte Sedimentation Rate<br>(ESR) Analyzer           |                        |  |                   |                       |                         | Yes                  |
| 26     | Electrolyte Analyzer<br>(Indirect ion selective electrode) |                        |  |                   |                       |                         | Yes                  |

| Sl. No | Name of the Equipment/<br>Instrument | Basic<br>Specification         | Newborn Stabilization Units<br>(NBSUs) | Operation Theater | Immunization Services | Rehabilitation Services | Diagnostic/Pathology |
|--------|--------------------------------------|--------------------------------|--|-------------------|-----------------------|-------------------------|----------------------|
| 27     | Diathermy Machine                    |                                |  | Yes               |                       |                         |                      |
| 28     | Ambu Bags- Adult                     |                                |  | Yes               |                       |                         |                      |
| 29     | Ambu Bags- Paediatrics               |                                | Yes                                    | Yes               |                       |                         |                      |
| 30     | Surgical Blade                       |                                |  |                   |                       |                         |                      |
| 31     | Radiant Warmer                       |                                | Yes                                    |                   |                       |                         |                      |
| 32     | Pulse Oximeter                       | Adult &<br>Paediatric<br>Probe | Yes                                    | Yes               |                       |                         |                      |
| 33     | Fetal Dopler                         |                                |  |                   |                       |                         |                      |
| 34     | Kelly Pads & Blankets                |                                |  |                   |                       |                         |                      |
| 35     | Phototherapy Unit                    |                                |  |                   |                       |                         |                      |
| 36     | Delivery Trolley                     | SS                             |  |                   |                       |                         |                      |
| 37     | Medicine Trolley                     | SS                             | Yes                                    | Yes               |                       |                         |                      |
| 38     | Surgical Trolley                     | SS                             |  | Yes               |                       |                         |                      |
| 39     | Equipment Trolley                    | SS                             | Yes                                    | Yes               |                       |                         |                      |
| 40     | Instrument Trolley                   | SS                             | Yes                                    | Yes               |                       |                         |                      |
| 41     | Patient Trolley                      | SS                             | Yes                                    | Yes               |                       |                         |                      |
| 42     | Bed Side Locker                      | SS                             | Yes                                    |                   |                       |                         |                      |
| 43     | Delivery Tray                        |                                |  |                   |                       |                         |                      |
| 44     | Episiotomy Tray                      |                                |  |                   |                       |                         |                      |
| 45     | Medicine Tray                        |                                |  |                   |                       |                         |                      |
| 46     | Emergency Drug Tray                  |                                |  |                   |                       |                         |                      |
| 47     | Baby Tray                            |                                |  |                   |                       |                         |                      |
| 48     | MVA Tray                             |                                |  |                   |                       |                         |                      |
| 49     | PPIUCD Tray                          |                                |  |                   |                       |                         |                      |
| 50     | Sponge Holding Forceps               |                                |  |                   |                       |                         |                      |
| 51     | Vulsellum Uterine Forceps            |                                |  |                   |                       |                         |                      |

| Sl. No | Name of the Equipment/<br>Instrument  | Basic<br>Specification | Newborn Stabilization Units<br>(NBSUs) | Operation Theater | Immunization Services | Rehabilitation Services | Diagnostic/Pathology |
|--------|---|------------------------|--|-------------------|-----------------------|-------------------------|----------------------|
| 52     | Normal Delivery Kit<br>(i) Cord cutting scissor<br>(ii) Artery forceps (medium size)<br>(iii) Sponge holding forceps (medium)<br>(iv) Bivalve cuscus speculum (medium size)<br>(v) Kidney tray<br>(vi) Small bowl for antiseptic lotion |                        |  |                   |                       |                         |                      |
| 53     | Equipment for Assisted Forceps Delivery   |                        |  |                   |                       |                         |                      |
| 54     | Standard Surgical Set<br>(For Minor procedures like Episiotomies Stitching)   |                        |  |                   |                       |                         |                      |
| 55     | Equipment for Manual Vacuum Aspiration  |                        |  |                   |                       |                         |                      |
| 56     | IUCD Insertion Kit  |                        |  |                   |                       |                         |                      |
| 57     | Sphygmomanometer  | Aneroid                |  | Yes               |                       |                         |                      |
| 58     | Weighing Scale- Adult   | Digital                |  |                   |                       |                         |                      |
| 59     | Weighing Scale- Paediatric  | Digital                | Yes                                    |                   |                       |                         |                      |
| 60     | Infantometer  |                        |  |                   |                       |                         |                      |
| 61     | Stadiometer   |                        |  |                   |                       |                         |                      |
| 62     | Stethoscope   |                        | Yes                                    | Yes               |                       |                         |                      |
| 63     | Thermometer Digital   |                        | Yes                                    | Yes               |                       |                         |                      |
| 64     | Electric Needle Destroyer   |                        | Yes                                    | Yes               |                       |                         |                      |
| 65     | Hub Cutter/Needle Cutter  |                        | Yes                                    | Yes               |                       |                         |                      |
| 66     | Cusco's Speculum  |                        |  |                   |                       |                         |                      |
| 67     | Dental Mouth Mirrors  |                        |  |                   |                       |                         |                      |
| 68     | Hospital Bed/Fowler bed   | With Mattress          |  |                   |                       |                         |                      |
| 69     | Puncture Proof Box  |                        | Yes                                    | Yes               |                       |                         |                      |
| 70     | Self-inflating Bag and Mask Neonatal Size (0 & 1)   |                        |  |                   |                       |                         |                      |
| 71     | Oxygen Hood   |                        |  |                   |                       |                         |                      |
| 72     | Laryngoscope Adult  | LED                    |  |                   |                       |                         |                      |
| 73     | Laryngoscope Paediatric   | LED                    |  |                   |                       |                         |                      |

| Sl. No | Name of the Equipment/<br>Instrument                      | Basic<br>Specification | Newborn Stabilization Units<br>(NBSUs) | Operation Theater | Immunization Services | Rehabilitation Services | Diagnostic/Pathology |
|--------|---|------------------------|--|-------------------|-----------------------|-------------------------|----------------------|
| 74     | Mucus Extractor with Suction Tube                         |                        |  |                   |                       |                         |                      |
| 75     | Resuscitator, hand-operated,<br>neonate and child, 500 ml |                        | Yes                                    |                   |                       |                         |                      |
| 76     | Dressing Drum all Sizes                                   |                        |  | Yes               |                       |                         |                      |
| 77     | Sterilizer  |                        |  | Yes               |                       |                         |                      |
| 78     | Ice Lined Refrigerator (ILR) with<br>Voltage Stabilizer   |                        |  |                   | Yes                   |                         |                      |
| 79     | Deep Freezer (DF) -20°C with<br>Voltage Stabilizer        |                        |  |                   | Yes                   |                         |                      |
| 80     | Freeze Tag  |                        |  |                   | Yes                   |                         |                      |
| 81     | Alcohol Stem Thermometer                                  |                        |  |                   | Yes                   |                         |                      |
| 82     | Vaccine Carries with Ice Packs                            |                        |  |                   | Yes                   |                         |                      |
| 83     | Cold Box  |                        |  |                   | Yes                   |                         |                      |
| 84     | Waste Disposable Twin Buckets                             |                        |  |                   | Yes                   |                         |                      |
| 85     | Shoulder Wheel  |                        |  |                   |                       | Yes                     |                      |
| 86     | Wall Ladder Finger Exerciser                              |                        |  |                   |                       | Yes                     |                      |
| 87     | Finger Exerciser Web                                      |                        |  |                   |                       | Yes                     |                      |
| 88     | Shoulder Pulley   |                        |  |                   |                       | Yes                     |                      |
| 89     | Adjustable Walker   |                        |  |                   |                       | Yes                     |                      |
| 90     | Reciprocal Walker   |                        |  |                   |                       | Yes                     |                      |
| 91     | Exercise Couch  |                        |  |                   |                       | Yes                     |                      |
| 92     | Wheelchair  | SS                     |  |                   | Yes                   | Yes                     |                      |
| 93     | Stretcher   | SS                     |  |                   | Yes                   | Yes                     |                      |
| 94     | IV Stand  | SS                     |  |                   | Yes                   | Yes                     |                      |
| 95     | Spiro Meter   |                        |  |                   |                       | Yes                     |                      |
| 96     | Lower & Upper Extremity Cycle/<br>Basic Ergo Meter        |                        |  |                   |                       | Yes                     |                      |
| 97     | Footstep  |                        |  |                   |                       |                         |                      |

| Sl. No | Name of the Equipment/<br>Instrument | Basic<br>Specification | Newborn Stabilization Units<br>(NBSUs) | Operation Theater | Immunization Services | Rehabilitation Services | Diagnostic/Pathology |
|--------|--------------------------------------|------------------------|--|-------------------|-----------------------|-------------------------|----------------------|
| 98     | Chair for Doctor                     |                        |  |                   | Yes                   | Yes                     |                      |
| 99     | Chair for Nurses                     |                        |  |                   | Yes                   | Yes                     |                      |
| 100    | Table for Doctor                     |                        |  |                   | Yes                   | Yes                     |                      |
| 101    | Table for Nurses                     |                        |  |                   | Yes                   | Yes                     |                      |
| 102    | Screen Separators with stand         |                        |  |                   |                       |                         |                      |
| 103    | Steel Almirah                        |                        |  |                   | Yes                   | Yes                     |                      |
| 104    | Chairs for Patients                  |                        |  |                   | Yes                   | Yes                     |                      |
| 105    | Chairs for Attendants                |                        |  |                   | Yes                   | Yes                     |                      |
| 106    | Stand with wheel for single basin    |                        |  | Yes               |                       |                         |                      |
| 107    | X-ray View Box                       |                        |  | Yes               |                       |                         |                      |

प्रत्यय अमृत,  
सरकार के अपर मुख्य सचिव।

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